

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	Dbs	Default Operator	Plurals	Time Stamp
S1	517606	position with head	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/31 08:45
S2	763	(read or reading) with position with (data block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/31 08:46
S3	2	S1 and S2 and ((move or moving) with shortest with (data block))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/31 08:47
S4	11	S1 and S2 and ((move or moving) with shortest)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/31 11:08
S5	299	(calculat\$5 or estimat\$5) with (head position) with time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 09:53
S6	299	S1 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/31 11:09
S7	16	S2 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/31 11:12
S8	2	("5523902").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 11:13

S9	2	("5796543").PN.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 11:13
S10	2	("5847894").PN.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 11:13
S11	1	S5 and (yatsu-masahide.in.)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/31 16:40
S12	12	(access time) with (determin\$5 or calculat\$5 or estimat\$5) with (head position)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/31 16:42
S13	26	(calculat\$5 or estimat\$5) with (head position) with (measur\$5 with time)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/31 16:48
S15	1112	360/72.1.cols.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 09:54
S16	299	(calculat\$5 or estimat\$5) with (head position) with time	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 09:54
S17	2	S16 and S15	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 09:55
S18	517606	position with head	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 09:55
S19	295	S18 and S15	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 09:56

S20	763	(read or reading) with position with (data block)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 09:56
S21	9	S20 and S15	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 09:59
S22	23	kinoshita-takayuki.in.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 09:59
S23	24	oshikawa-hiroshi.in.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 09:59
S24	222	tamura-tetsuya.in.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 09:59
S25	1274	uchida-hiroshi.in.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 09:59
S26	1	S22 and S23	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 10:00
S27	5	S24 and S25	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 10:00
S28	687	386/112.ccls.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/20 14:52
S29	1126	360/72.1.ccls.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/20 14:52

S30	1	10/724913.app.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 13:25
S31	2	("5953483").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	OR	OFF	2009/09/21 13:54
S32	2	("7212727").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	OR	OFF	2009/09/21 13:55
S33	3084	reading order	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:10
S34	3889	386/125.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:11
S35	1724	386/126.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:11
S36	9	S33 and S34	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:11
S37	1387	386/68.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:12

S38	655	386/69.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:12
S39	422	386/70.cccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:12
S40	185	386/82.cccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:12
S41	6	S33 and S35	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:18
S42	7	S33 and S37	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:18
S43	0	S33 and S38	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:19
S44	1	S33 and S39	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:19
S45	1	S33 and S40	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:20

S46	435	head and (rotat\$5 latency) and (seek time)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:21
S47	7	S46 and (S34 or S35)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:21
S48	0	S46 and (S38 or S39 or S40)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:48
S49	18938	head with (shortest or shorter)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:51
S50	6	S49 and (S38 or S39 or S40)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:51
S51	16	S49 and (S37 or S38 or S39 or S40)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:52
S52	3	S51 and (HDD or harddrive or (hard drive) or hard-drive or harddisk or harddisc or hard-disk or hard-disc or (hard disk) or (hard disc))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 14:54
S53	562072	position with head	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 15:02

S54	384	(calculat\$5 or estimat\$5) with (head position) with time	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 15:02
S55	384	S53 and S54	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 15:02
S56	12	S55 and (S34 or S35)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 15:02
S57	1	S55 and (S37 or S38 or S39 or S40)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 15:10
S58	439	S53 and (S37 or S38 or S39 or S40)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 15:16
S59	787	S53 and (S34 or S35)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 15:16
S60	900	(read or reading) with position with (data block)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 15:17
S61	6	S60 and (S37 or S38 or S39 or S40)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 15:17

S62	10	S60 and (S34 or S35)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/09/21 15:17
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